

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): HOOPMAN et al.  
 Docket No.: 49933US032  
 Title: TOOLS TO MANUFACTURE ABRASIVE ARTICLES



Assistant Commissioner for Patents  
 ATTN: Box PATENT APPLICATION  
 Washington, D.C. 20231

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

☒ UTILITY PATENT APPLICATION including:

☒ Specification (73 consecutively numbered pgs, including 153 claims on 33 consecutively numbered pgs and a 1 pg Abstract);

☒ Drawings (8 figures on 4 sheets);

☒ A copy of a signed Declaration, Power of Attorney, and Petition as filed in the parent application (3pgs).

☐ Application Data Sheet ( \_ pgs).

☒ An Information Disclosure Statement (2 pgs); 1449 forms (8 pgs); copy of International Search Report (6 pgs); and copies of 178 documents listed on the 1449 forms.

☒ An itemized return postcard.

☐ An Assignment of the invention to \_ and Recordation Form Cover Sheet.

☐ A check in the amount of \$40.00 to pay the Assignment Recording Fee.

☐ A certified copy of a \_ application, Serial No. \_\_, filed \_\_\_\_, the right of priority of which is claimed under 35 U.S.C. §119.

☐ Computer readable form of "Sequence Listing." Applicants state that the paper copy form of the "Sequence Listing" section of the present application, and the computer readable form submitted herewith, are the same.

☒ Other: Request for Filing a Continuation Application Under Rule 1.53(b) (3 pgs); and Communication (13 pgs).

☒ Please charge Deposit Account No. 13-4895 in the amount of \$2198 to pay the filing fee, which is calculated below:

**APPLICATION FILING FEE**

	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required
Total Claims	36	20 =	16	x \$18 =	\$288
Independent Claims	18	3 =	15	x \$80 =	\$1200
One or More Multiple Dependent Claims Presented? If Yes, Enter \$270 Here →					\$0
Enter Basic Filing Fee (Utility Patent \$710) Here →					\$710
<b>Total Application Filing Fee</b>					<b>\$2198</b>

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895. Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By: Ann M. Mueeting  
 Name: Ann M. Mueeting  
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**CERTIFICATE UNDER 37 CFR §1.10:**

"Express Mail" mailing label number: EL888271625US

Date of Deposit: September 9, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, ATTN: Box PATENT APPLICATION, Washington, D.C. 20231.

By: Rachel Gaylord Green  
 Name: Rachel Gaylord-Green

(LARGE ENTITY TRANSMITTAL UNDER RULE 1.10)

#3/A  
10-22-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket Number	Anticipated Classification		Prior Application	
	Class	Subclass	Examiner	Art Unit
49933US032			J. Leyson	1722

**REQUEST FOR FILING A CONTINUATION APPLICATION  
UNDER RULE §1.53(b)**

Assistant Commissioner for Patents  
Attn: Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

This is a request for filing a continuation application under 37 CFR §1.53(b) of Serial No. 09/520,032, Confirmation No. Unknown, filed on 6 March 2000, entitled TOOLS TO MANUFACTURE ABRASIVE ARTICLES by the following inventor(s) (name, address, and citizenship):

**Timothy L. HOOPMAN**

Residence: City of River Falls, State of Wisconsin, U.S.A.  
Citizenship: United States of America  
Post Office: P.O. Box 33427  
Address: St. Paul, Minnesota 55133-3427

**Nelson D. SEWALL**

Residence: City of Forest Lake, State of Minnesota, U.S.A.  
Citizenship: United States of America  
Post Office: P.O. Box 33427  
Address: St. Paul, Minnesota 55133-3427

1. ☐ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☒ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed is a copy of the Declaration and Power of Attorney filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are drawings (4 sheets).

Filed: Herewith

Title: TOOLS TO MANUFACTURE ABRASIVE ARTICLES

6. ☒ Cancel in this application claims 1-22, 25-29, 33-55, 58-62, 65-88, 91, 94-112, and 115-132 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☐ A preliminary amendment is enclosed.
8. ☒ The filing fee is calculated below:

CLAIMS AS FILED			
NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710
Total Claims 36-20 =	16	\$18	\$288
Independent Claims 18-3 =	15	\$80	\$1200
MULTIPLE DEPENDENT CLAIM PRESENTED		\$270	\$0
FILING FEE:			\$2198

9. ☒ Please charge Deposit Account No. 13-4895 in the amount of \$2198.00.
10. ☒ The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.
11. ☐ This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application:
12. ☒ Amend the specification ~~by inserting as the first sentence on page 1, the following:~~ This application is a continuation of Application No. 09/520,032 (filed March 6, 2000), pending, which is a division of Application No. 09/259,488 (filed February 26, 1999), issued as U.S. Patent NO. 6,076,248, which application is a division of Application No. 08/940,267 (filed September 29, 1997), issued as U.S. Patent No. 6,129,540, which is a continuation of Application No. 08/450,814 (filed May 25, 1995), abandoned, which is a division of Application No. 08/120,300 (filed September 13, 1993), abandoned. --
13. ☐ Priority of foreign application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ in (country) \_\_\_\_\_ is claimed under 35 U.S.C. §119.
14. ☒ The prior application is assigned of record to 3M Innovative Properties Company.

0955604-091660

SUBB17

A+

15. X The Power of Attorney in the prior application is to:

Gregory D. Allen  
Office of Intellectual Property Counsel  
3M Innovative Properties Company  
P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Customer Number 26813

Address all future communications to:

Office of Intellectual Property Counsel  
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P.O. Box 33427  
St. Paul, Minnesota 55133-3427  
Attn: Gregory D. Allen  
(Telephone: 612-305-1220)  
(Facsimile: 612-305-1228)

Date:

Sept. 19, 2001

Ann M. Muetting

Ann M. Muetting  
Reg. No. 33,977  
Direct Dial (612)305-1217

**CERTIFICATE UNDER 37 CFR §1.10:**

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Date of Deposit: September 19, 2001

The undersigned hereby certifies that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Attn: Box Patent Application, Washington, D.C. 20231.

By:

Rachel Gaylini-Gebau

Name:

Rachel Gaylini-Gebau